Application No.: 10/676,115

Examiner: Hung S. Bui Art Unit: 2841

AMENDMENTS TO THE CLAIMS:

LISTING OF CLAIMS

1. (Currently Amended) An electronic apparatus with natural convection structure, comprising:

a main body to be placed on a surface, said main body having a hole an airflow channel piercing through said main body from a top surface to a bottom surface thereof; and

a supporting device disposed on said bottom surface of said main body.

- 2. (Currently Amended) The electronic apparatus according to claim 1 further comprising at least a printed circuit board disposed in said main body and having an opening, wherein the centroids of said opening and said hole airflow channel are positioned at the same axis vertical to said top surface and said bottom surface.
- 3. (Currently Amended) The electronic apparatus according to claim 2 wherein said electronic apparatus has plural said holes <u>airflow channels</u>, and said printed circuit board has plural said openings correspondingly.
- 4. (Original) The electronic apparatus according to claim 1 wherein said supporting device has a specific height varying with the size of said electronic apparatus, and said specific height is at least 3 mm.
- 5. (Original) The electronic apparatus according to claim 1 wherein said electronic apparatus is a power adapter or a power supply.
- 6. (Currently Amended) The electronic apparatus according to claim 1 wherein the distances from said hole <u>airflow channel</u> to the edges of said main body are substantially equal.
- 7. (Currently Amended) The electronic apparatus according to claim 1 wherein said hole airflow channel has an opening at one side of said main body.

Application No.: 10/676,115

Examiner: Hung S. Bui

Art Unit: 2841

8. (Currently Amended) The electronic apparatus according to claim 1 wherein said

main body and said hole airflow channel are integrally formed.

9. (Original) The electronic apparatus according to claim 1 wherein said bottom

surface of said main body has a curve structure.

10. (Currently Amended) An electronic apparatus with natural convection structure,

comprising:

a main body to be placed on a surface, said main body having a top surface and a

bottom surface and having a hole an airflow channel piercing through said main body

from said top surface to said bottom surface, wherein said bottom surface has a curve

structure.

11. (Currently Amended) The electronic apparatus according to claim 10 further

comprising at least a printed circuit board disposed in said main body and having an

opening, wherein the centroids of said opening and said hole airflow channel are

positioned at the same axis vertical to said top surface and said bottom surface.

12. (Currently Amended) The electronic apparatus according to claim 11 wherein

said electronic apparatus has plural said holes airflow channels, and said printed circuit

board has plural said openings correspondingly.

13. (Original) The electronic apparatus according to claim 10 wherein said curve

structure has a specific height varying with the size of said electronic apparatus, and said

specific height is at least 3 mm.

14. (Original) The electronic apparatus according to claim 10 wherein said electronic

apparatus is a power adapter or a power supply.

15. (Currently Amended) The electronic apparatus according to claim 10 wherein the

distances from said hole airflow channel to the edges of said main body are substantially

equal.

10

Application No.: 10/676,115 Examiner: Hung S. Bui

Art Unit: 2841

16. (Currently Amended) The electronic apparatus according to claim 10 wherein said hole <u>airflow channel</u> has an opening at one side of said main body.

- 17. (Currently Amended) The electronic apparatus according to claim 10 wherein said main body and said hole <u>airflow channel</u> are integrally formed.
- 18. (Original) The electronic apparatus according to claim 10 further comprising a supporting device disposed on said bottom surface of said main body.
- 19. (Currently Amended) An electronic apparatus with natural convection structure, comprising:

a main body to be placed on a surface, said main body having a top surface and a bottom surface and having a hole an airflow channel piercing through said main body from said top surface to said bottom surface, wherein said bottom surface has a curve structure; and

a supporting device disposed on said bottom surface of said main body.

20. (Original) The electronic apparatus according to claim 19 wherein said curve structure combined with said supporting device has a specific height varying with the size of said electronic apparatus, and said specific height is at least 3 mm.